Rec^d Febr 3^d—
Ans March 16

$100 — sent
Ch. Wright

Cambridge, Jany 25th 1853

My Dear Engelmann

I hasten to reply to your favor of the 11th received 2 days ago.

First of all, you need send to Wright only $83.— and send when it is perfectly convenient to yourself. I advance to him, as he requires—pay his bills, &c— He is now in Connecticut, & likely to sail in 3 or 4 weeks—perhaps much sooner.

As to his collections while in Ringgold Expedition—they will all belong to U.S. and he will be obliged to deliver all to the Government at Washington. But they will probably go to the Smithsonian—from which, in due time you will probably receive, free of cost—specimens ~~from~~ of such families as you particularly work at!

I regret that you were interrupted in working up Cacteæ

But it was no doubt necessary. My paper has been printed— all but Index and a few Curae posteriores for a week— and I waited only to hear from you. But I cannot wait till your abstract would now be ready.

It is no matter. I will announce your General Memoir, and as soon as I receive your abstract I will have it printed in Silliman's Journal. And, if need be can reprint it in the next part of Pl. Wrightianae.

Meanwhile the difficulty about satisfying the "high contracting parties" may disappear.

Graham is endeavoring to get an appropriation to publish his botany & Zoology. If he succeeds, you will have first to work up matter for him. If not, then there is only Emory.

A good abstract will secure

in time the important points—
Meanwhile these conflicting interests will settle themselves.

Wright looked carefully over your MSS. here. & was well satisfied with it. If he suggested any alterations it must be noted in the MSS. He has said nothing to me of Graham's wanting live Cactae— So far as Wright is concerned, these are all in your hand to do what you think proper with.

I write Torrey to say that you have not heard from him: and to ask if he has sent Cactae by Express, as he said.

There are pretty good figures of Cactaceae in Bot. Mag. & Bot. Reg. in the Library— And I have a paper with good plates of Melocacti by Miquel, & other Cacti by Zuccarini.

There are some Styraxes not very unlike your fine one— especially a little piece we got ~~from~~ in California, by Fremont.

I had not yet looked at Lindheimer's Willow flowering in summer. But I presume I do not know it.

As to Sill. Journal, my name was put on at Dana's request. But I do not promise to do any thing more than I have long done. I have to-day sent them some doings in Nyctagineae, which I thought it was time to secure.

When Seemann gets through his Panama Flora (only a few pages are out yet), I will give a list of determinations of Fendler's Chagres pl.

Secure all sorts of observations about Trees, especially Oaks.

By & bye I shall publish the 2nd vol. of my Report — with good figures by Sprague —

I have worked hard at Expl. Expedition Botany of late, & have got on pretty well. But I well know I have too many irons in the fire.

I have one more no. of Walpers' Annales. The work is useful to me, but full of blunders.

Yours ever
A. Gray

Recd April 2d
Ans July 4th

Cambridge 26. March. 1853.

Dear Doctor.

Yours of the 16th, with check of $100 for Charles Wright, came yesterday.

Wright is on board his vessel, at New York, and is expected to sail to-morrow, or at least next week.

Your other package of his plants I left with Little & Brown, Boston to go in cases for Mr. Hallsall St. Louis. (They send overland to St. Louis). I thought you had received it ere this.

Keep on importuning Torrey, there is no other way. He means well. I keep sending him messages about it.

As you have Fouquieria alive, look to the nature of the spines, and their connexion with the leaf. Torrey & I differ about this, I find. Tell me what you think of it. (You see what I thought in Pl. Wr. part 2.

I wish greatly you could come and work with me a while. Can you not presently retire from medical practice, with a handsome competency; when you might settle down here, in a healthy country for a family, educate your children —

and work at Botany!

In the rest of my little paper on Nyctaginaceae (of which I mailed you a copy yesterday) you will see some of Gregg's & Wislizenus' mentioned.

I did not care to do up the species of Oxybaphus yet. They require reducing & recharacterizing.

Graham did not get his appropriation: but he writes me he shall probably get it next winter.

Agassiz is not yet back from Charleston, where he had, last winter, a severe typhoid fever.

I have college work now — filling my hand 2 days every week.

~~I am~~

I have the MSS. ready of Expl. Exped. Botany up almost to Leguminosae. — & the printing is [illegible] to begin very soon — a part of MSS. has long been in the printers hand — Ever Yours faithfully

A. Gray

Yours of Jan. 27th I did not answer, it seems.
Seemann is still employed at Kew, I think, though he edits his Journal at Hannover.

I knew all about Nees, all along. They made a handsome subscription for him at London, I am told by Hooker.

Long ago I offered, on the part of Sullivant 800 thalers for his Musci & Hepaticæ — got no answer — But lately his agent ~~offers~~ offers all the low Cryptogamia for 1000 thalers. Sullivant now declines, even to ~~renew his~~ renew his former offer.

The end of your ~~letter~~ letter of Jan 27, I cut off & sent to Torrey. He has lately been so busy that he did not answer one of my many letters for 8 weeks! But lately he writes again.

A. G.

CAM
M 2
MS.

Dr. George Engelmann

St. Louis

Missouri

Recd April 16
Ans July 4th

Cambridge, April 6th 1853

Dear Doctor

I was going to wait till your boxes of woods arrived (they have not yet). before I replied to your letter of the 27th March.

But I will ask you at once to send a sort of *bill* for Hooker's set of woods — They would then be taken by him for the Museum of Vegetable products. But he cannot make them pass in his accounts without a bill, — and so of the seeds last sent. He has them long ago — He asked what he was to pay, & wanted a bill, so that they may go into the Garden accounts.

Please send me such a document, — in which case you can draw on me for the amount, as I can have Hooker pay it in England to my credit. —

I am glad you will do up Cucurbita now. I will tell Hooker so.

I enclose you a letter from Dr Parry, just received, which tells pretty much all I know of the matter.

Soon I mean to get ~~at~~ work at some of the Monopetalae —
I hope you will soon have time to settle the Asclepiadeae

Torrey will make me a visit in a month or so — then I will see what they have & are about

Yours cordially

A Gray

Von Buch is dead.

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Recd May 24th
Ansd July 4th

Cambridge. May 16. 1853

My Dear Dr. Engelmann.

At last I have an answer from Stevens.

He says, "I ought long ago to have acknowledged your letters, but was expecting that I should have found buyers for another set or two of the Plants; but have failed, and up to this time have only sold five. The great objection appears to be the smallness of the sets. I took 4 of them to Paris last autumn, but found they were all supplied. I enclose you account for those sold. You will see a balance due to you of £8.15. "Trusting you will excuse this long delay." &c &c Samuel Stevens."

Here is his account

Dr. A. Gray in a/c with S. Stevens Cr.

Dr.

1852 Sept. 14	To Commission on Sale of Dried Plants. 5 sets ——	£2.14

1851 June 9.	Set Texan Plants to Dr. Alexander	£3.15.
"	Fendl. N. Mex. Pl. Mr. Saunders	1.10
Oct. 25	" Chagres Do — do	3.00
Dec 27	" N. Mexican.	1.6
1852. Sept. 14	" "	1.8
		£10.19

Balance £8.15.

This is very pretty! Will not answer letters for a year or two. — and charges 1/5 of proceeds commission. But I do not see that we can do any better.

I think the rest of the sets had better be sent to Berlin. I will not write to Stevens till I hear from you.

I hear of the boxes of woods. They are on the way from Philadelphia, by water.

I wrote to Hooker that a set was coming for him — for $30. & that I had asked you to furnish a bill — that he might get the sum from the Garden funds —

He says: "I am glad you told Engelmann he must have a bill: but I have no idea what his woods are. They ought to be numerous for 30 dollars, & bulky too. Could you not give me some intimation as to what they are? I do not think that I have given an order, but they are probably what I may be very glad to have for the Museum at a fair price. Certainly I never hear from Engelmann but I have a great regard for him" —

I am very busy teaching & writing & printing U. S. Expl. Exped. Botany — read proofs up to 76 pages. This is lecture morning too — & a busy day —

Harvey is off, in July to Ceylon, New Holland & Tasmania — then S. Amer. Coast & across the country, — to collect Algæ principally.

In haste Yours very truly
& faithfully

A. Gray

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BOSTON
17
MAY

Dr. Geo. Engelmann
St. Louis
Missouri

I mail a brochure of Berlandier.
What are the Cacti? The rest I
can mostly identify. A.G.

Rec^d June 20th
ans July 4th

Cambridge 11 June. 1853

Dear Engelmann.

I ask Mr. Hume to deliver this note, and commend him to your acquaintance and friendly regards, as I know you can give him good advice as to the routes he proposes to travel, to see something of the West.

Mr. Hume is an English Gentleman, and a near friend of our good friend J. Carey (who, by the way, is by this time married!), is travelling pretty extensively over our country. Please give him such information as he requires. All kind attentions on your part will greatly oblige

Yours sincerely
A. Gray

CAL GARDEN
ANN PAPERS

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Dr. George Engelmann
St. Louis

J. Bromley Shrine, Esq.

Rec: July 25th
Ans July 28
Cambridge, July. 14th 1853

My Dear E.

This cover has been addressed to you for a long while, but I have delayed to fill & close — not so much because you had not written; for I knew you must be very busy now. — but because the convenient time has not exactly come. For I have been very busy. College work done up, only last week: printing of Ex. Exped. Botany, in which I have read proofs up to 220 pages. — & have to-night finished MSS (except a few crooked points to settle in a family or two) up to the end of Rosaceæ. (which will make about 450 pages — It fills up fast with the open page adopted in these Reports.). I shall carry on the vol. to 550 or 650 pages. — & the plates folio, already 56 — shall carry up to 100, if I can. There is next some tough work in Myrtaceæ & Melastomaceæ; but as to the latter Naudin has much cleared the way. Those done, & I think I may venture to work part of the time on the Lindh.-Fendl.-Wright. Monopetalæ

Agassiz returned most delighted with his visit to you, and we talked much of you.

All winter I kept writing to Torrey to send on to me a set of Bigelow's plants — but never saw, even to this day more than 5 or 6. — As Torrey all along expressed perfect willingness to send them, I began to think that Bigelow or Emory did not wish them to be sent, and that I might do no harm, I therefore did not

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say, in the preface to Pl. Wr. what I meant to have said; even tho. I had not seen Bigelow's collections. So it is their own fault. I am quite ready to duly credit any one who sends me plants. But I keep clear & utterly ignore all these petty jealousies, — of which I perceive you too have seen enough. Very contemptible they are; — but, as you say, this small notoriety is all that incites some of these people to collect; and so good to Science comes out of these evil passions even.

It was short-sighted and mean in Emory to stop Graham's appropriation. — In return Graham's friends may perhaps stop his, — while, with better counsels, we could use advantageously all the appropriations both could ever get. Personally, it only saves me trouble. I can readiest go on, as I have begun, in Smithsonian Contrib. But, had I known the result, I would have had 6 more plates in the 2d part of Pl. Wr.

Have you from Torrey got his Pl. Fremontianae, &c. — Torrey is to visit me. I wonder why he so delays — having promised to come last week.

As to species of Fouquiera, Torrey took a diff. view from what I thought correct. I hope you have the means of settling it. I have sown the seeds with no success yet.

Please make money fast: when enough to live
& educate your children here, — come to Cambridge
— a good ~~healthy~~ healthy country (after a visit to
Europe) & we will work at Botany at a great rate!

I am afraid to touch Gregg's Mexican plants —
for fear of the time they would consume. In E. Expl.
I branch out little or none, except a few notes in
Malvaceae, & probably more in Compositae —

If I could do the work abroad, I could work
up collateral things most advantageously; but the
means here at disposal are too poor.

Still, you will be pleased with my vol. 1. when I
finish & send it to you (the letter press this fall!)

No specimens, scarcely of Cactaceae in
Coll. Ex Ex, — a drawing or two. — I shall send
them on to you presently.

Bulbs & seeds of Erigenia rec'd, with thanks

"Chrysodendron" Berland. = Berberis trifoliata?

I'll send the woods on to Hooker now, &
explain to him! and mention some price that will please
him. I suppose their small size deprives them of value
in his eyes for the Museum — where they would not make a
great show. Please send a bill for Lowell too —
who has not even acknowledged the box I sent to him
tho, when I formerly spoke to him about the
collection, ~~he said~~ & mentioned the price, he said he
would be glad to have it! I will forward your bill to
him.

I must contrive some way to send the sets of plants from Stevens to Braun without too great expense; — Every such movement in England costs too much. —

I have lately drawn on Stevens for £ 8. 15 — & placed that amount to your credit. I meant to have sent it to you before this. But for some weeks now, I am very short, — having had to advance to Sprague (who has lost a sister, & is himself feeble.) — & to give donations to a poor countryman of yours in New York, (Bogenhard), who must be kept from starving, & some place provided for him — as an apothecary — chemist. —

Write to Hooker freely, & fully, about the Cuscutae &c. — He will always be pleased to have long letters from you, with all details &c. But pray take up & elaborate the Cuscutae first, before returning. H. will be greatly disappointed if you abandon the job.

I ought now to send many dried plants to several correspondents; — & have duplicates in plenty. — But I can get no time to name & ticket them.

It would save valuable time to take some of the sets that are here, in my hands (Lindh. & Fendl. 4), could I have them at a price that I could possibly afford it (Cash being scarce, as well as time). What price do you say?

I'll ask Agassiz if his barrel has come. — No doubt it has. In great haste, as ever —

Yours cordially

Asa Gray

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Recd Aug. 4th
Ans Saturday

Cambridge, July 25. 1853

Dear Engelmann

I grieve to tell you that Adr. de Jussieu is dead — *Cancer in the stomach*, his tedious malady proves to be. It makes a deep impression on the scientific men, & the public too in Paris. He was much my most intimate correspondent in France — a true friend, and a charming man.

You know, perhaps that *Moquin-Tandon* has succeeded the late Ach. Richard at L'Ecole de Medecine. Tulasne, I suppose, will be the new Professor at the Jardin des Plantes; at least he ought to be: as he is the most able man.

No farther news, since my last,
Agassiz looks poorly & says he is not well.

I enclose Fendler's letter & my reply. — Please to forward the latter to him, after reading.

Entre nous. Thurber has asked me to work up his plants of Mex. Boundary — collected with Bartlett. — I have promised to look at them, & see — & if B. gets no appropriation to publish a report separately, I will work up these along with the rest of Wright's, Fendler's Lindheimer's &c —

Yours very cordially

A. Gray

He says he has many observations about Cactæ — especially the giant one. I urge him to communicate them to you.

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Dr. George Engelmann.
St. Louis
Missouri

Recd Aug 20
Ans Nov 25

Cambridge 8th Aug. 1853.

My dear Doctor

Yours of 28th July is before me — Many thanks for the mem. on trees.

I wish I could come & see you at St. Louis.— Want of time & means prevents now.

You are right in thinking that it is not from any thing unsocial or mean that prevents Torrey from writing & attending to things: but sheer want of time & — procrastination: which grows upon him. I know he thinks highly & entertains only the most friendly feelings for you. Pl. Frem. is a memoir in the Smith. Contrib. 10 plates — printed all 2 years ago — his own tardiness has kept him from printing the letter-press all this while. There is a separate article on Batis & one on the new Darlingtonia (a n. g. of Sarraceniaceae!)

Torrey probably expected you to be supplied from the Smithsonian Inst. Write them for it. When I see Torrey here (this week?) I will make him send it too.— I have packed up copies for A. Braun, &c—

Interruptions — work on points passed over, &c — have stopped me from going on with preparing copy of E. Exped. Botany after Rosaceae, finished 3 weeks ago. But to-day I have begun with Myrtaceae — rather tough job

Opuntia — supposed true Opuntia vulgaris ([illegible] less arenaria (no long prickles) grows as far N. as Rhode-Island & Connecticut — abounds in the sand & parts of New Jersey.

I never could get Fouquiera up. To-day I have sown some seeds, & put on my own table, by window, to watch.

I will see if I can use the Lindheimer plants I have here on hand at $5.— But not just now.— am too short for cash now.

You are too late for Harvey's Algæ, all the sets he can make being subscribed for. No matter. They are of no use to you & I, who shall never study them!

To Lowell I will now send the bill: hope he will attend to it promptly.

I told you that I had sent on the package for Hooker.

Great time for marrying off the daughters of botanists this year. Wallich's, Lindley's, De Candolle's (only a young girl when we saw her 2 years ago), Jussieu's (last fall), & now the last Miss Hooker — a charming woman — engaged 7 years, & marriage postponed on account of her ill health — neuralgic attacks.

In Ex. Exped. Collection there are no specimens of Cactea, except a bit of Cereus, I believe — if anything more I will send them presently. But I find the 3 Drawings here enclosed. Tell me what they are, and return them.

I truly hope you will elaborate the Cuscutineae!

Agassiz is pretty well

Yours very cordially

Asa Gray

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Missouri Botanical Garden

Aug. 7th 1853

Dear E.

Please name these 3 Chara for H. W. Ravenel, Esq & in a line, directed to Aiken South Carolina, his present residence. & oblige

A. Gray

Nitella spirulifera A Br. B
Chara fragilis Desv. A & C

Ans. to Ravenel March 17 1856

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Recd Aug 29th
Ans Nov 25

Cambridge. 18th Aug. 1853

My Dear E.

I am going into the country to-morrow for 10 days— to join my wife— my only holiday yet.

I have received the $30 from Lowell for you. Next month I had best remit— unless you will have me pay for you in Boston somewhere— *$81.00*.

Agassiz handed me your note about Compass-Plant. I took him at once into the Garden, to see *Silphium laciniatum*, *terebinthinaceum* & *pinnatifidum*.

He agreed there was no *direction* to be made out. one way more than another. The cauline leaves all tend to become *vertical* (as in several other Compositae)– but present neither face, nor edge, N.

But, 3 years ago *Lapham* of Wisconsin wrote me— that tho the plant near Milwaukee showed no "polarity", & so he never believed in it— yet on going farther West, on the prairies, he found it did generally turn *all to the North there*.

If I remember aright, tho. he said the *surfaces* of the leaf look N. & S. You say the edges? How is this? Compare notes with Lapham.

I sent your enclosure to Thurber, at once. —have not heard from him. Indeed, I have not heard from him since his call here. I wonder if he, or Bartlett, has repented his offer to me?

He was to let me know when he had got all the collections together, & then I was to go to Providence to look at them.

It is all one to me. —

What do you think I am about now?

Revising genera of Myrtaceæ (Myrteæ): for Expl. Exped. Collection.

In these exotic orders I frequently find the genera so at loose ends that I cannot make the plants of our collection lie comfortably, till I have given the genera a good shaking up. I should be tempted to do much more of this if I could work at Hookers, or in Paris — It is quite as well not — as it would cost no end of time.

After Torrey's visit here — early in Sept. — I mean to touch some Tex.-N.-Mex. plants again.

I am very hearty & well now — the hot days did not hurt me — My little holiday will make me stout and still more vigorous.

Yours ever

A Gray

Did you get the drawings of Cactea &c — sent in my last enclosure to you. I merely ask that you may know I sent something, in case it has not come to hand.

A. G.

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Recd Octob 5th
Ans Nov 28

Cambridge. Sept. 27. 1857.

My Dear Engelmann,

How do you get on?

Since my return from a 10 days holiday, I have finished *Myrtaceae* & have got half through *Melastomaceae* of U.S. Ex.— But the printing stopped 6 weeks ago. I must insist on its going on again.

I have found some *Fouquieria* seedlings up in the Garden & I am right about it: — not Torrey. The leaf is not *axillary* & its petiole enclosed in the ~~spine~~ spine: but the spine is a hardened inferior portion of the petiole that persists, & from which the rest falls away clean.

Dr. Parry made me a short visit. Nothing new. —
Heard nothing more from Thurber.

Walpers is dead: committed suicide, they say, because he was not appreciated!!

I have at length got what I wanted from New York, & have put up a parcel for Fendler, I think I will send it by Express. Besides my works, as before mentioned, I add a copy of Lindley's *Vegetable Kingdom*, new ed. just out (cost me eleven dollars) — This is just the book for him to take, if he goes to *Central America*. De Candolle too bulky; This he can carry, & it will give him general view of Botany, & enable him to know the families of most plants he sees. —

I have taken the collection of Fendler's N. Mex. Plants

with 191 species. as aforesaid—
also one of 77 " which I found.
These are all of *his* I had
left.

Hooker has got the woods. as I feared. he does not think much of them. — too small & too chippy to polish & make handsome specimens for Kew Museum, which is what he thinks of. — He has by this time paid to my bankers £ 4. for them.

So now I have for you.

1851. Cash from Bot. Garden for Lindheimer's seeds —	$	8.00
From Stevens (Lindh. & Fendl. Plants. £ 8.15 —		43.00
" Lowell. for woods —		30.00
" Hooker. for " £4. =		19.44
—	$	100.44

4.86
4
19.44

You may tell me where to pay it in Boston, — or draw on me — payable at Charles River Bank, or I will send you my check, as you please.

On account of the delay in printing Expl. Exped. Botany, I am to-morrow to lay characters of 9 new genera before Amer. Academy, to print in the Proceedings — as I have done one or two before.

Yours very sincerely

Asa Gray

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Rec. Dec 14
Ans Dec 30

Cambridge. 7th December. 1853

My Dear Engelmann.

After a long silence on your part I have at length, 1st your favor of Nov. 14th–24th. and now this evening yours of Dec. 2d—

I am glad to hear that business flourishes, and we will hope that one of these days you will be able to leave it comfortably, and come east to educate your children & prosecute Botany. Come and make me a visit, and we will talk over all these matters.

I get dreadfully behind-hand with every thing. Exploring Expedition Botany stopped printing for a long time, but is now renewed, 300 or more pages are printed, & copy sent to printer up to *Leguminosae* (excl.) Meanwhile, to look over Brackenridge's mss. of the *Filices*—to turn a loose ungrammatical lingo into English, & his English characters into Latin—is a tedious job.—then to read his proofs is another. But if I did not do all this, very bad work indeed would be made of it. Late in October Mrs. Gray & I went to New York for a week—to visit Torrey & to see the N.Y. Exhibition. Returning I had to bear my part in a course of lectures, which the American Academy gave to the public (to replenish our publication funds)—& to prepare & deliver my two lectures—

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"On the relations of plants to the Sun" cost me almost the whole of November.—

Now, as I can get time, I am looking over a portion of plants which Thurber has placed in my hands— a great part same as we have had before— but now & then a nice new thing— for instance a new Rutosma (Californicum) from California— fruticose & spinescent, and a fine & showy new genus of Malvaceæ! from Sonora— allied to Thespesia— which will be the Thurberia.

I will tell you more about this collection as I go on.

It is sad the death of Riehl. He spoke of coming east, when I saw him, to get away from your trying climate.

Anacharis Alsinastrum was just founded, by Babington & Planchon on the subhermaphrodite form of our Udora Canadensis— in some way introduced into England. I suppose they are so far right that Udora will merge into Anacharis— tho', they did not see this.

Fendler has reached New York— has written me a line— the parcel for me has not arrived there yet. I ~~gave~~ him the new ed. of Lindley's Vegetable Kingdom, which will be very useful to him in Caraccas. (He owes me nothing; I make no charge against him.)

Plainly it is only drawings that Emory wishes you to have made. As he expects these to be published at Government expense, the Engraving or lithographing will have to await orders & be contracted for under proper officers.

My Expl. Exped. drawings are folio & are done here by Sprague, & are engraved — what few are yet done at all — at Washington. No duplicate proofs are yet sent me, so I cannot now send you any.

Emory's are to be 4to — of the size of Smithsonian Contributions — so that those of my Plantae Wrightianae & Torrey's Pl. Fremontianae (Pray tell me. Have you not received them yet from Torrey?) will serve for your model.

As to price of drawings, those of Exploring Expedition Sprague has from $10 to $18. So you may charge Emory up to that mark. But I would not attempt to lithograph them, at present at least, as it might make trouble.

Sprague is too slow — & too feeble in health, to do half what I want done — let alone others. I must import an additional draughtsman.

ICAL GARDEN
ANN PAPERS

If you know any in Germany good enough, who would come out, let me know at once. If not, I must try at Paris.

Silphium laciniatum, as it grows in the Garden here — (where I have one large root) I could never discover any particular direction in the leaves (beyond being vertical) But I will look carefully at it next Spring, from the first.

Thurber — who has been to see both Torrey & myself talks very reasonably. & thinks as meanly of the quarrels among Engineers & Commissioners as we do. — Bartlett still hopes to get the Senate to publish a Report from him. Till that is settled Thurber could not put the Cacti materials unreservedly in your hands. If he does get the appropriation — then Thurber will doubtless desire you to figure the materials of *Cereus giganteus* for that Report. If not — as is far most likely, then, by the time you come along with Emory's book — long before, he will be ready to print, or Torrey does the half of what he wants to do, you will be at perfect liberty to figure it for Emory — using Thurber's materials — Meanwhile, having sent the new information to Sill. Journal, you can in your other mss. say all you want to say, without the least hesitation. For, though your mss. has now reached me too late for the January number of the Journal, that is no matter: for your mss given to Emory will ~~surely~~ surely not be printed so soon as 1st March!

I shall send on to Silliman at once — and your matter will be in type early in January — perhaps before this month is ended.

From a late letter of Alph. DeCandolle I learn that the printing of Vol. 14 of Prodr. has now only begun. So it cannot be out before March or April, if so soon.

I shall not order it for a month yet. When I do, I will order a copy for you. But remind me of this in your next letter, lest I should forget it at the time; and I will then send the order. I will order 3 copies through different booksellers, & see which gets here first.

Unfortunately I have no Opuntia vulgaris in the garden! Some one of Torrey's correspondents in New Jersey should send it. I will see about it when Torrey comes to visit me at Xmas.

Emory sends me word, through Torrey, that he is very desirous I should not bring out any more Pl. Wrightianae until he has a chance to get out his Report! I am good-natured, & will wait awhile to oblige him!

Many thanks for what you have done with the drawings of Expl. Exped. Cactaceae. There is in the collection, I believe, only a bit of a Cactus from Rio Negro N. Patagonia. I will let you know more particularly hereafter.

I am glad you are engaged as Mrs. Skinner's physician; Mrs. Gray had often asked me to speak of her to you, and I was going to do so, but did not care to bother you — unless you were professionally consulted; — which I am very glad, for her sake, you have been: This we had learned some weeks ago from a letter of Mrs. Skinner to my wife.

Now for the money-matter. In the morning I will get a check on a Boston Bank payable to your order, & remit that.

I have just learned from the friend who acts as my banker abroad that, as late as Nov. 10th Sir Wm Hooker had not paid over to him the £4 — (for the words)

as he wrote me long ago he should do — forgo
it, doubtless. I have since called Storkis atten-
tion to it; and soon it will probably be done. —
So that it need not prevent my keeping that
sum in the remittance which I make to you.
This included I owe you — $100. 44.

There is a new part of Amer. acad. Memoirs.
vol. V. pt 1. — costs you $ 2.00 — I send it in
1st parcel. — Check enclosed 98.44
$100.44

By the way, My wife sends her compli-
ments, and is very desirous you should use
ether in the accouchement of Mrs. Weimer — as
is the manner of the Boston physicians generally!

Ever Yours

Asa Gray

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

Dear Engelmann.

Magnolia glauca is stated (I know not now on what authority) to grow in Missouri, Southern Arkansas & North Louisiana Sweet Bay

I shall doubt the fact, unless you can confirm the habitat. What say you? Do you know it anywhere W. of Alleghanies?

A. Gray

Laurel Pr. cond.

How far west do you know Liriodendron? Cape Girard.
" & Cucumber tree? not M. acuminata A. G.

M. umbrella? Hot Springs

Shoots, 2-3" diamet. 20' high — from the base of a large tree (cut down) leaves partly 1½' long & 9" broad
wish to again

~~Robinia, opp. Whitmore = Ald & Catalpa in S.~~

~~Ark.~~

~~Castor ct Ilex 1½' dick = 50–60' hoch~~

ist ~~Ilex~~ südlich von St. Francis

Chinquapin 2½' dick

Little Missouri

Nördl. davon die Palmen gänzlich

Louisiana line

Gleditschia monosperma

~~Liriodendron Catalpa ist Magnolia~~

~~südl. von St Francis fluss~~

Liquidambar bis Louisiana; Fredericktown!

~~Buche~~

~~Ulmus alata von Hermann south~~

~~Qu. phellos südl. von St Francis river~~

~~Cypress~~

~~Ilex~~

~~Helena (Acer saccharinum, the only in the state & in the Southwest again)~~

~~Tulipenbaum & Buche~~